Edition 1

The Palladio Door Collection

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Dear Customer,

We are proud to present our new composite door. We think you will agree that it has been worth waiting for: it is by a long measure, in our opinion, the finest composite door on the market today. In ten years of research and development we have left no stone unturned in our quest for the perfect product.

Our approach to this was innovative and radical. The composition of the door differs from all others in its MONOCOQUE structure. This structure gives it a massive strength-to-weight ratio and is protected in Europe by patent number 1766176 (Patents in the USA and Canada pending). Apart from the monocque design there are a lot of other innovative features to this door. For instance, we have designed and manufactured a hinge exclusively for this door, so it is visually concealed unlike the more commonly used flag hinge, which is unsightly. Our glazing system with beads that look like wood is also very attractive. As is evident from the following pages, our wood grain finish is superb, due to the fact that all our tooling is made in house. In a very unique process we replicate exactly the finish of a real oak door, 100% true to the original. Another feature of the door is its excellent U value rating of 0.205 as tested by the “Lambda” testing method.

In addition to this, all our glass is triple glazed and we use edgetech warm edge seals for the lowest U value possible of 0.7.

We are dedicated to the pursuit of excellence and service to our loyal customers. We take this opportunity to thank you for your continued support. When we say the customer is king it is not an empty platitude, - we mean it!

Profile Developments

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Door Type - Georgian Solid
Glass Type - TG6
(Min. Glass Width 360 mm)

Glass Type - TG6 Fanlight
A fine example of our satinized glass for doors and sidelights. This product is produced in-house and is quite unique in its crystal-like appearance as is evident in the picture on the left.
Door Type - Paris
Glass Type - TG143 Satinized
(Min. Glass Width 200 mm)

All doors on this page available with Contemporary Cranked Pullbar Handle supplied with Winkhaus AV2 Heritage Locking Systems. Option of Fingerpull Escutcheon or Traditional Lever Handles also available.

Please Note - All doors on this page supplied with spy view as standard

Door Type - Paris
Glass Type - TG146 Satinized
(Min. Glass Width 240 mm)

Door Type - Paris
Glass Type - TG145 Satinized
(Side Light Min. Glass Width 200 mm)

Doors fitted with Winkhaus AV2 lock, it is recommended to have a PVC Threshold only. Not a Low Aluminium Threshold.
Door Type - Paris
Glass Type - TG73 Satinized
(Min. Glass Width 170 mm)

Door Type - London
Glass Type - TG80
(Min. Glass Width 240 mm)

Please Note - All doors on this page supplied with spy view as standard

Door Type - London
Glass Type - TG81
(Min. Glass Width 170 mm)

Please Note - All doors on this page supplied with spy view as standard

Door Type - Rome
Glass Type - TG91 Satinized
(Min. Glass Width 150 mm)

Door Type - Rome
Glass Type - TG90
(Min. Glass Width 170 mm)

Please Note - All doors on this page supplied with spy view as standard

All doors on this page available with Contemporary Cranked Pullbar Handle supplied with Winkhaus AV2 Heritage Locking Systems. Option of Fingerpull Escutcheon or Traditional Lever Handles also available.
All doors available with Contemporary Cranked Pullbar Handle supplied with Winkhaus AV2 Heritage Locking Systems. Option of Fingerpull Escutcheon or Traditional Lever Handles also available.

Please Note - All doors excluding the Seville supplied with spy view as standard
Door Type - Edinburgh
Glass Type - TG100
(Min. Glass Width 250 mm)

Door Type - Edinburgh
Glass Type - TG102
(Min. Glass Width 200 mm)

Door Type - Edinburgh
Glass Type - TG103
(Min. Glass Width 290 mm)

Glass Type - TG101
(Min. Glass Width 290 mm)
High Security Finger Pull Escutcheon created to complement both contemporary and period door designs. The cylinder is protected behind a steel security shield with a reduced risk of cylinder attack, snapping or drilling.

All doors on this page excluding the San Marco available with Curved or Pullbar Handle supplied with Winkhaus AV2 Heritage Locking Systems. Option of Fingerpull Escutcheon or Traditional Lever Handles also available.

Doors fitted with Winkhaus AV2 lock, it is recommended to have a PVC Threshold only, Not A Low Aluminium Threshold
Please Note - All doors on this page supplied with spy view as standard.

Door Type - Picasso
Glass Type - TG162 Satinized
(Min. Glass Width 120 mm)

Door Type - Picasso
Glass Type - TG163 Satinized
(Min. Glass Width 300 mm)

Please Note - All doors on this page supplied with spy view as standard.

Doors fitted with Winkhaus AV2 lock, it is recommended to have a PVC Threshold only, Not A Low Aluminium Threshold.
Door Type - San Marco
Glass Type - TG13 Satinized
(Min. Glass Width 230 mm)

Door Type - San Marco
Glass Type - TG14
(Min. Glass Width 210 mm)

Door Type - San Marco
Glass Type - TG15
(min. Glass Width 150mm)

Door Type - San Marco
Glass Type - TG16
(min. Glass Width 250mm)

Colors:
- White
- Cream
- Red
- Blue
- Blog Oak
- Green
- Light Oak
- Rosewood
- Chartwell Green
- Anthracite Grey
Door Type - San Marco
Glass Type - TG13 Satinized

Door Type - San Marco Solid

Glass Type - TG14
Glass Type - TG16
Glass Type - TG15

Glass Type - TG17 Fanlight
There is also an option of the very latest in security from Yale. Keyfree combines peace of mind with convenience by allowing you access and protect your property without the need of a key. Instead you can securely lock and unlock your home either by using a remote control fob or by entering your own personal code into a built in keypad on your door.

Doors fitted with Winkhaus AV2 lock, it is recommended to have a PVC Threshold only, Not A Low Aluminium Threshold.
Please Note - All doors on this page supplied with spy view as standard.

Doors fitted with Winkhaus AV2 lock, it is recommended to have a PVC Threshold only, Not A Low Aluminium Threshold.
Glass Type - TG64
(Min. Glass Width 160 mm)

Glass Type - TG65
(Min. Glass Width 240 mm)

Glass Type - TG63 Satinized
(Min. Glass Width 150 mm)

Door Type - Cairo

Glass Type - TG63 Satinized
(Min. Glass Width 160 mm)
Door Type - Monet  
Glass Type - TG179 Satinized  
(Min. Glass Width 300 mm)

Door Type - Rubens  
Glass Type - TG164 Satinized  
(Min. Glass Width 120 mm)

Door Type - Monet  
Glass Type - TG171 Satinized  
(Min. Glass Width 240 mm)

Door Type - Rubens  
Glass Type - TG166  
(Min. Glass Width 120 mm)

Glass Type - TG170 Satinized  
(Min. Glass Width 240 mm)

Glass Type - TG165  
(Min. Glass Width 140 mm)

Please Note - All doors on this page supplied with spy view as standard.

Doors fitted with Winkhaus AV2 lock, it is recommended to have a PVC Threshold only, Not A Low Aluminium Threshold.
Door Type - Sunbeam 1
Glass Type - TG35
(Min. Glass Width 220 mm)

Door Type - Sunbeam 1
Glass Type - GEORGIAN BAR

Door Type - Sunbeam 2
Glass Type - TG36 Satinized
(Min. Glass Width 230 mm)
Our designer handles add a stylish and contemporary look to our doors, ensuring customer satisfaction.

Our customers are spoilt for choice with such a wide variety of glass designs available.

Our unique door designs allow us to offer a style to suit every home owner.
**Door Type - T&G Solid**
**Glass Type - TG66**
(Min. Glass Width 240 mm)

**Door Type - T&G Solid**
**Glass Type - TG67 Satinized**
(Min. Glass Width 230 mm)

**Door Type - T&G**
**Glass Type - TG45**
(Min. Glass Width 300 mm)

Please Note - T&G Solid available with spy view fitted as standard or with a spy view knocker as an optional extra.

T&G Light Oak.
This door demonstrates our distinctive woodgrain effect.

**Door Type - T&G Solid**
**Glass Type - TG68**
(Min. Glass Width 200 mm)

**Glass Type - TG69**
(Min. Glass Width 240 mm)

**Glass Type - TG67 Satinized**
(Min. Glass Width 230 mm)

**Glass Type - TG46 Satinized**
(Min. Glass Width 325 mm)

**Glass Type - TG47**
(Min. Glass Width 250 mm)

**Glass Type - TG48**
(Min. Glass Width 300 mm)
All doors on this page available with Contemporary Curved or Pullbar Handle supplied with Winkhaus AV2 Heritage Locking Systems. Option of Fingerpull Escutcheon or Traditional Lever Handles also available.

Doors fitted with Winkhaus AV2 lock, it is recommended to have a PVC Threshold only, Not A Low Aluminium Threshold.
Anthracite Grey
Red
Blue
White
Cream
Green
Light Oak
Rosewood
Bog Oak
Chartwell Green

Door Type - Naples

Side Panels

1/2 Glin

T&G 1/2 (Smooth Finish)

Barony 1/2 (Smooth Finish)

Door Type - Giza

Specifications

Composite

65mm fibreglass reinforced Monocoque Composite Door, Patented Design protected in Europe by patent no 1766176, Canadian and US Pending

Door Colours

White, Cream, Red, Blue, Bog Oak, Rosewood, Anthracite Grey, Chartwell Green and Light Oak

Double Rebate

Double rebate using two seals achieving excellent draught proofing

Single Door

Min. 782 mm x 1855 mm
With Frame Min. 878 mm x 1951 mm

Slab Size

Max. 910 mm x 2095 mm
Max. 1006 mm x 2191 mm

Please Note:

with low Stormguard Plus threshold, max height 2181mm, min 1942mm
with low Stormguard threshold, max height 2163mm, min 1923mm
With 51mm uPVC threshold, max height 2171mm, min 1931mm

AV2 Lock

with Leaf Only
Less 99mm from complete door with frame
Available for Linear and Komerling Profile only

with Frame
Including 1200 pull handle and 600 curved handle
Min Size 901 - Dublin, Giza, Santiago

AV2 Lock

and Frame
Min size 916 - Georgian, Naples, Cairo, Palermo
with Escutcheon
Min size 901 - San Marco, Dublin, Giza, Santiago

Warning

Doors fitted with Winkhaus AV2 lock, it is recommended to have a PVC Threshold only, Not A Low Aluminium Threshold

Double doors are recommended to have a PVC Threshold only, Not A Low Aluminium Threshold

U Value rating

Door body U Value - 0.205, Triple glaze U value - 1.1, combined U value - 0.64
Solid Door U Value Including frame - 0.85 / Glazed Door U Value including frame - 0.98

Glazing beads

Designed to be removed internally

Triple Glazing

Triple glazed units using warm edge, available in all doors. Backing glass, available as standard in Clear, Cotswold, Minister, Stippolite and Flemish. * other obscure glass available optional extra (time delay).
All satinized triple glazed units available with clear glass only.

Lock type

2 hook, 2 shootbolt, 2 roller and deadlatch / Winkhaus AV2 Heritage lock optional extra / PAS 23/24 Approved
Thumb turns to be used with the AV2 Winkhaus lock
All door furniture and locks have a 12 month guarantee

Door numerals

Supply only available 0-9 in Gold, Chrome, Black and Satin Silver

Handle type

Lever / Lever / Pad BS 7412 and BS 1670:1998

Handle Maintenance

Stainless pull handles must be maintained every few months with soap and water to avoid discoloration. Do not use any abrasive cleaners

Hinge type

Rebated hinge available White, Caramel, Black and Cream

PVC outerframe option extra*

70mm with galvanized steel reinforcing

PVC outerframe & sidelight colour

White, Cream, Red, Blue, Bog Oak, Green, Rosewood, Light Oak, Chartwell Green and Anthracite Grey
available using 28mm triple glazed sidelights

Threshold

Extra strong - standard and low thresholds available

* Please note, owing to the photographic and printing process used, colour may vary from the printed brochure.
**Accessories**

### Threshold Options

#### 77mm uPVC Full Frame Threshold
- Distance from bottom of door leaf to bottom of threshold: 48mm

#### 57mm uPVC Low Threshold
- Distance from bottom of door leaf to bottom of threshold: 28mm

#### Stormguard Low Aluminium Threshold
- Distance from bottom of door leaf to bottom of threshold: 20mm
- Available in Gold and Silver.

#### Stormguard Plus Threshold
- Distance from bottom of door leaf to bottom of threshold: 38mm
- Available in Silver only.

### Door Knockers

- Doctors Knocker
  - Chrome
  - Gold
  - Black
  - Bright Chrome
  - Satin Silver
  - Smokey Chrome
  - White

- Urn Knockers also available with Viewer

- Doctors Knocker available only in Bright Chrome and Gold.

### Letterbox

- Black
- Gold
- Bright Chrome
- Satin Silver
- Smokey Chrome
- White

### Escutcheon

- Round Stainless Brushed Steel
- Gold Finger Pull
- Bright Chrome Finger Pull
- Gold
- Bright Chrome

### Door Handles

- Black Lever
- Gold Lever
- Bright Chrome Lever
- Satin Silver Lever
- Smokey Chrome Lever
- White Lever

- Black Lever Pad
- Gold Lever Pad
- Bright Chrome Lever Pad
- Satin Silver Lever Pad
- Smokey Chrome Lever Pad
- White Lever Pad

**We have an extensive selection of furniture for our doors in various colours, enabling you to customise your door. Our designer handles add a stylish and contemporary look to our doors, ensuring customer satisfaction.**
Figure 2 shows finished door from the original tooling.

Figure 3 is a good example of bad tooling design that lacks character.

On the other hand, compare this to Figure 4 which you can judge for yourself.

Above all we are a design and innovation led company, and this will always shine through in the finished product. We start with the project design, then manufacture the machine we require and finally manufacture the product. Figure 1 shows the oak pattern from which the final mould will be produced.

This 3D generated photo demonstrates the advantage of our unique hinge. As is evident from the above picture, this hinge is not attached to the outside of the door, and therefore enhances the appearance of the door, unlike a more conventional flag hinge - as seen on the left. Double seal and rebate.

To dispel any lingering doubt you may have, we have carried out our own rudimentary test using a 4x4 vehicle.

Here you see our superior MONOCOQUE structure and the advantage it holds over its competitors as demonstrated on the opposite page.

The picture above shows conventional composite doors, comprised of two 2mm skins bonded to a foam core.

With Your Security And Safety In Mind

Reinforcing Seals Plastic Profile

6mm glass reinforced outer structure with solid colour

Our Hinge

Hinge Wing

Double seal and rebate.

With Your Security And Safety In Mind

Reinforcing Seals Plastic Profile

6mm glass reinforced outer structure with solid colour

Our Hinge

Hinge Wing

Double seal and rebate.

With Your Security And Safety In Mind

Reinforcing Seals Plastic Profile

6mm glass reinforced outer structure with solid colour

Our Hinge

Hinge Wing

Double seal and rebate.

With Your Security And Safety In Mind

Reinforcing Seals Plastic Profile

6mm glass reinforced outer structure with solid colour

Our Hinge

Hinge Wing

Double seal and rebate.
Profile Developments

GLIN, Co. LIMERICK, IRELAND.

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